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Docket No. 263999US2PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Noriya IZU, et al.

SERIAL NO: 10/517,771

GAU:

FILED: December 27, 2004

EXAMINER:

FOR: RESISTANCE TYPE OXYGEN SENSOR AND OXYGEN SENSOR DEVICE USING IT AND AIR/FUEL RATIO CONTROL SYSTEM

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT		ATTY DOCKET NO. 263999US2PCT		SERIAL NO. 10/517,771	
				APPLICANT Noriya IZU, et al.			
				FILING DATE December 27, 2004		GROUP	
				<b>U.S. PATENT DOCUMENTS</b>			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AG	03-103760	04/30/91	JP (with English abstract)	YES	NO	
	AH	58-024850	02/14/83	JP (with English abstract & equivalent of US 4500412)	YES	NO	
	AI	58-092946	06/02/83	JP (with English abstract & equivalent of US 4453397)	YES	NO	
	AJ	06-222026	08/12/94	JP (with English abstract)	YES	NO	
	AK	61-093944	05/12/86	JP (with English abstract & equivalent of US 4958514)	YES	NO	
	AL	2003-149189	05/21/03	JP (with English abstract)	YES	NO	
	AM	59-027253	02/13/84	JP (with English abstract)	YES	NO	
	AN	03-267517	11/28/91	JP (with English abstract)	YES	NO	
	AO	10-505164	05/19/98	JP (equivalent of US 5824271 & WO 96/08712 – with English abstract)	YES	NO	
	AP	0 464 243	01/08/92	EP (with English abstract)	YES	NO	
	AQ	0 464 244	01/08/92	EP (with English abstract)	YES	NO	
	AR	42 10 397	10/07/93	DE (with English abstract)	YES	NO	
	AS	42 10 398	10/07/93	DE (with English abstract)	YES	NO	
	AT	55-137334	10/27/80	JP (English abstract only)	YES	NO	
	AU	62-174644	07/31/87	JP (English abstract only)	YES	NO	
	AV	07-063719	03/10/95	JP (English abstract only)	YES	NO	
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW	ESPER, M.J. et al. "Titania Exhaust Gas Sensor for Automotive Applications", SAE Technical Paper Series, 790140, pages 1-9 1979					
	AX	VARHEGYI, E.B. et al. "Auger and SIMS study of segregation and corrosion behaviour of some semiconducting oxide gas-sensor materials", Sensors and Actuators B, vol. 18-19, pages 569-572 1994					
	AY	TAN, Guo-Long et al. "Electronic conductivity of a ZrO <sub>2</sub> thin film as an oxygen sensor", Thin Solid Films, vol. 330, pages 59-61 1998					
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

U.S. PCT Application Serial No.: 10/517,771  
Docket No.: 263999US2PCT

#### STATEMENT OF RELEVANCY

- 1) References AG-AO have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References \_\_\_\_\_ have been cited in the corresponding \_\_\_\_\_ Search Report. A copy of these references is being submitted herewith.
- 3) References AP-AY are discussed in the specification. A copy of these references is being submitted here with.
- 4) References \_\_\_\_\_ are additional prior art known to Applicant. A copy of these references is being submitted herewith.